| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| L1 | 2 | "6363183".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/07 07:46 |
| L2 | 4 | "5761350".pn. or "5521992".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/07 07:46 |
| L3 | 0 | (mulitplex\$3 same demultiplex\$3 same mems same amplif\$3 same electric\$2 same filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:47 |
| L4 | 0 | (mulitplex\$3 same demultiplex\$3) same amplif\$3 and mems same electric\$2 same filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:48 |
| L5 | 0 | (mulitplex\$3 same demultiplex\$3) and pcb | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:48 |
| L6 | 223 | (multiplex\$3 same demultiplex\$3) and pcb | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:50 |
| L7 | 2 | (multiplex\$3 same demultiplex\$3) same amplif\$3 and mems same electric\$2 same filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:49 |
| L8 | 0 | 6 and amplif\$3 and mems same electric\$2 same filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:49 |
| L9 | 1 | 6 and amplif\$3 and mems same electric\$2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:49 |
| L10 | 33 | (multiplex\$3 same demultiplex\$3) and pcb and mems | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:52 |
| L11 | 48 | (multiplex\$3 and demultiplex\$3) and pcb and mems | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 07:53 |

| L12 | 15 | 11 not 10 | USPAT; EPO; JPO; DERWENT; | OR | ON | 2005/12/07 07:52 |
|-----|------|--|--|----|-----|------------------|
| L13 | 117 | (multiplex\$3 and demultiplex\$3) and printed and mems | IBM_TDB USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:17 |
| L14 | 0 | (pinted near1 circuit near1 board) same (waveguide or optic\$2) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:10 |
| L15 | 8186 | (printed near1 circuit near1 board) same (waveguide or optic\$2) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:10 |
| L16 | 105 | 15 and (mems or (micro\$1electrical\$1mechanical)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:11 |
| L17 | 35 | 16 and (multiplex\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:11 |
| L18 | . 0 | ("6751395").URPN. | USPAT | OR | OFF | 2005/12/07 08:14 |
| L19 | 27 | ("20010033731" "20020005976" "20020172452" "20030031451" "20030053743" "5724123" "5872880" "5923798" "6028689" "6075239" "6097859" "6163643" "6173105" "6222656" "6246826" "6252466" "6253001" "6275320" "6283601" "6301403" "6320993" "6410361" "6442324" "6465355" "6553175" "6560396" "6563965"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:14 |
| L20 | 2 | "6828606".pn. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:17 |
| L21 | 5 | ("3974514" "4931336" "4940302" "5424573" "6321011").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:18 |
| L22 | 1 | "20040264838" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:19 |
| L23 | 1 | "20040042705" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:22 |

| L24 | 1 | "20040146238" | US-PGPUB; USPAT; | OR | OFF | 2005/12/07 08:23 |
|-----|-----|---|---|----|-----|------------------|
| · | | | USOCR | | | |
| L25 | 1 | "6829398".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:23 |
| L26 | 10 | ("20020109074" "20020167013" "20030152354" "20030179979" "20040114854" "3777154" "4151582" "5191219" "6408121" "6455878").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:24 |
| L27 | 1 | ("6829398").URPN. | USPAT | OR | OFF | 2005/12/07 08:25 |
| L28 | 15 | ("20020085785" "20020109074" "20020118907" "20020167013" "5044718" "5317551" "5357122" "5485021" "5600741" "5684900" "6215585" "6332050" "6366375" "6640023" "6829398").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:26 |
| L29 | 23 | 28 or 26 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:26 |
| L30 | 10 | 29 and (multiplex\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:28 |
| L31 | 0 | 30 and mems | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 08:28 |
| L32 | 683 | (pcb or (printed near1 circuit near1 board)) same (mems or (micro\$1electrical\$1mechanical)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:29 |
| L33 | 200 | 32 and (waveguide or optical) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:34 |
| L34 | 27 | 33 and (multiplex\$3 or demultiplex\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 08:30 |
| L35 | 63 | 32 and (waveguide or (optical near5 path)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:02 |

| L36 | 2 | "6909824".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:57 |
|-----|-----|----------------------|---|----|----|------------------|
| L37 | 1 | 36 and printed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:14 |
| L38 | 1 | 36 and amplif\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:20 |
| L39 | 1 | 36 and electrical\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:32 |
| L40 | 1 | 36 and printed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:42 |
| L41 | 1 | 36 and polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:43 |
| L42 | 2 | "6751395".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:43 |
| L43 | . 1 | 42 and polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:43 |

| L45 | 97 | (waveguide with glass with polymer with dop\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:44 |
|-----|------|---|---|----|---------|------------------|
| L46 | 57 | (waveguide with glass with polymer with dop\$3) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 09:44 |
| L51 | 430 | (electro\$1optical with opto\$1electrical) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:05 |
| L52 | 50 | 51 and (multiplexer and demultiplexer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:03 |
| L53 | . 16 | 51 and (add\$1drop near3 multiplexer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:04 |
| L54 | 331 | (electro\$1optical with opto\$1electrical) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:19 |
| L61 | 3409 | 385/14.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:19 |
| L62 | 2727 | 385/24.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:19 |
| L65 | 448 | 385/25.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON · | 2005/12/07 10:20 |

| L66 | 6996 | 385/25.ccls.61 or 62 or 63 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:20 |
|-----|------|---|--|----|----|------------------|
| L67 | 288 | 66 and mems | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:21 |
| L68 | 24 | 67 and ((printed near1 circuit near1 board) or pcb) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:46 |